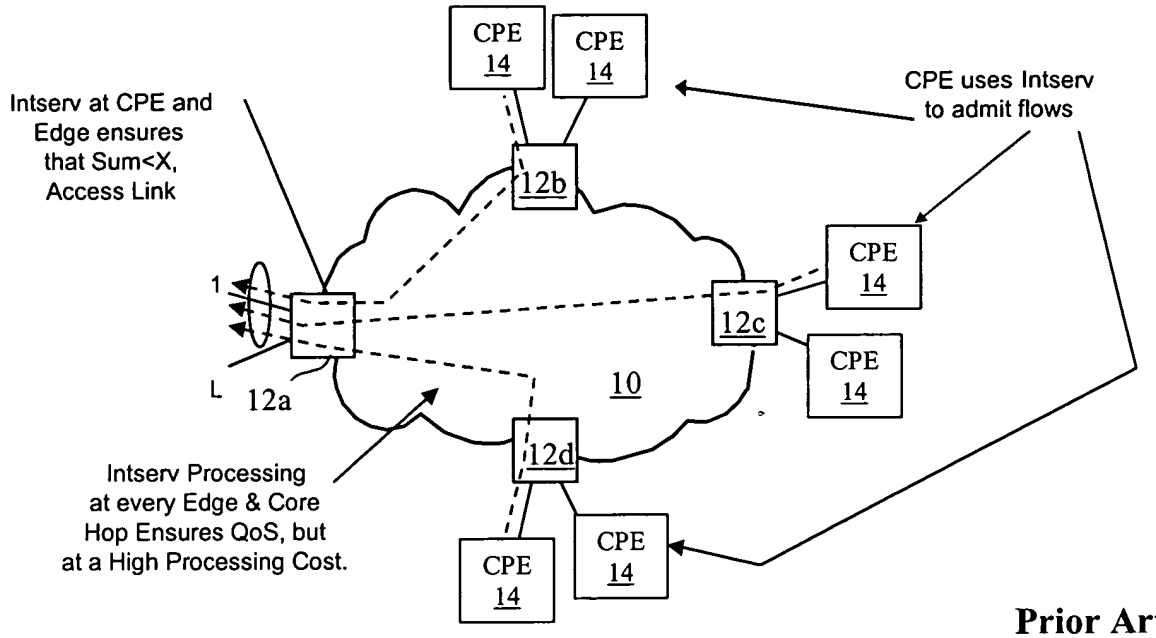
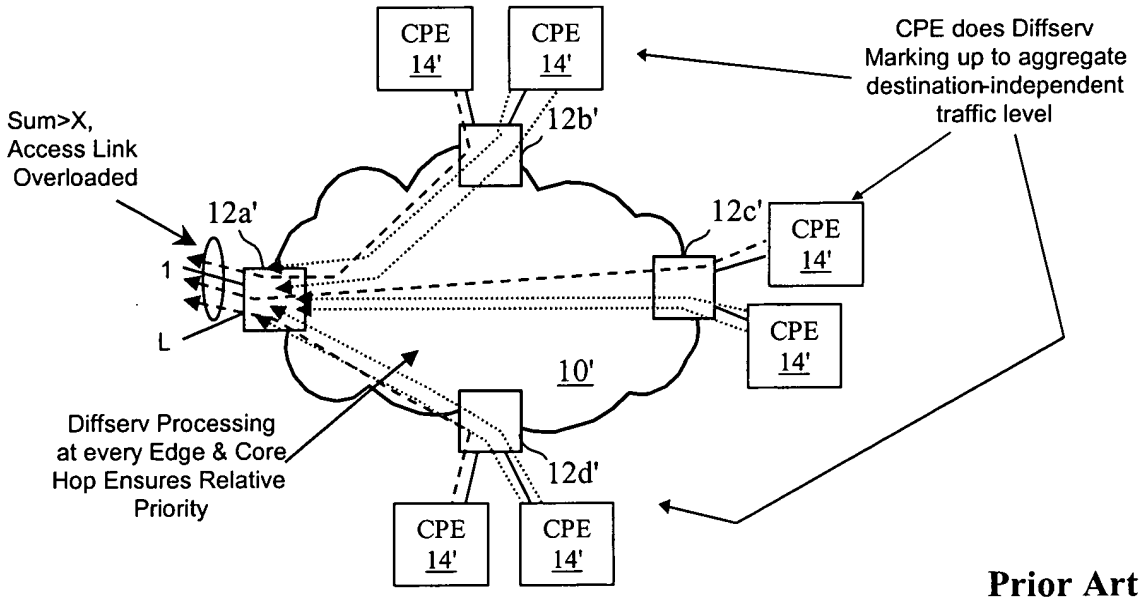
10/023043



Prior Art

Figure 1



Prior Art

Figure 2

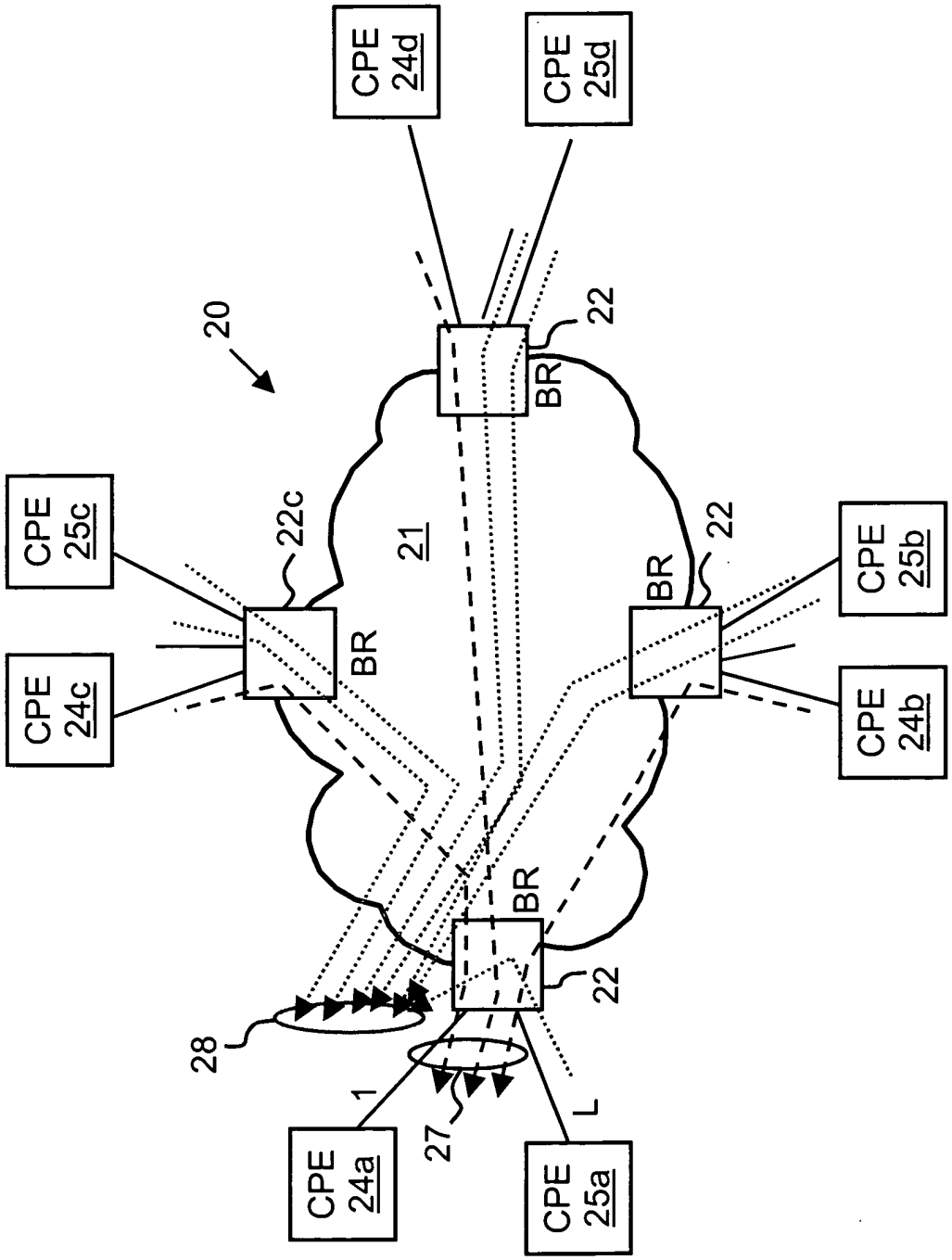

CPE 24d
CPE 25d
20
22
BR
CPE 25c
22c
21
22
CPE 25b
BR
BR
CPE 24c
CPE 24b
BR
22
28
1
L
27
CPE 24a
CPE 25a

Figure 3

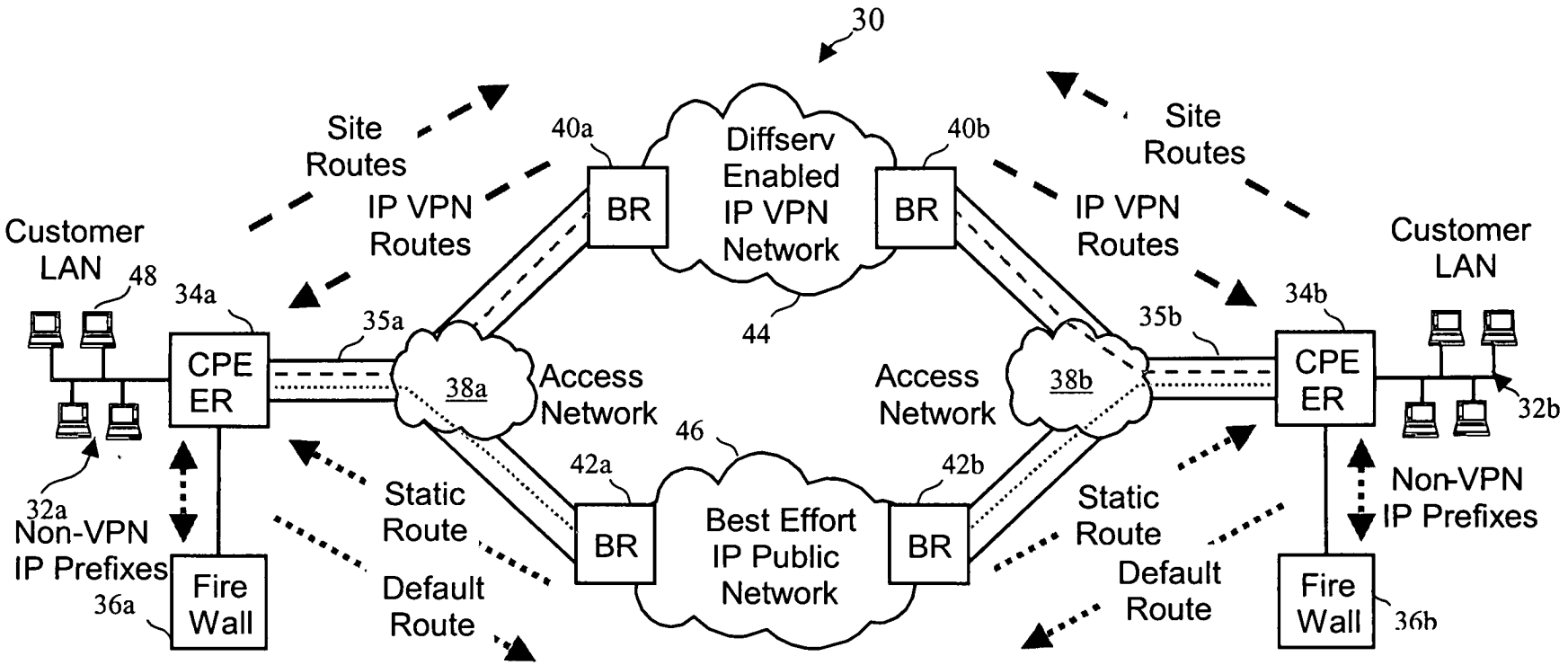


Figure 4

Docket No.: RIC01059 Serial No.: 10/023,043
Applicant: McDysan
Title: System, Method, and Apparatus That Employ Virtual...
Sheet of Drawings: 3 of 8

20040707.040200T

SA	DA	SP	DP	PT	DSCP	P?	M?	LP	Q?
a.b.c.d	r.s.t/24	A	B	UDP	101	P2	M2	1	2
-	-	-	-	-	-	-	M0	2	0
-	-	-	-	-	101	P1	M1	2	1
a.b.c.e	w.x.y/24	R	S	UDP	010	P1	M1	1	1
a.b.c.f	l.m.n/24	C	D	UDP	010	P0	M1	1	1

82

102

SA	DA	SP	DP	PT	DSCP	LAN	Q?
-	-	A-B	A-B	UDP	101	1	2
-	-	-	-	-	000	1	0
-	-	-	-	-	010	1	1

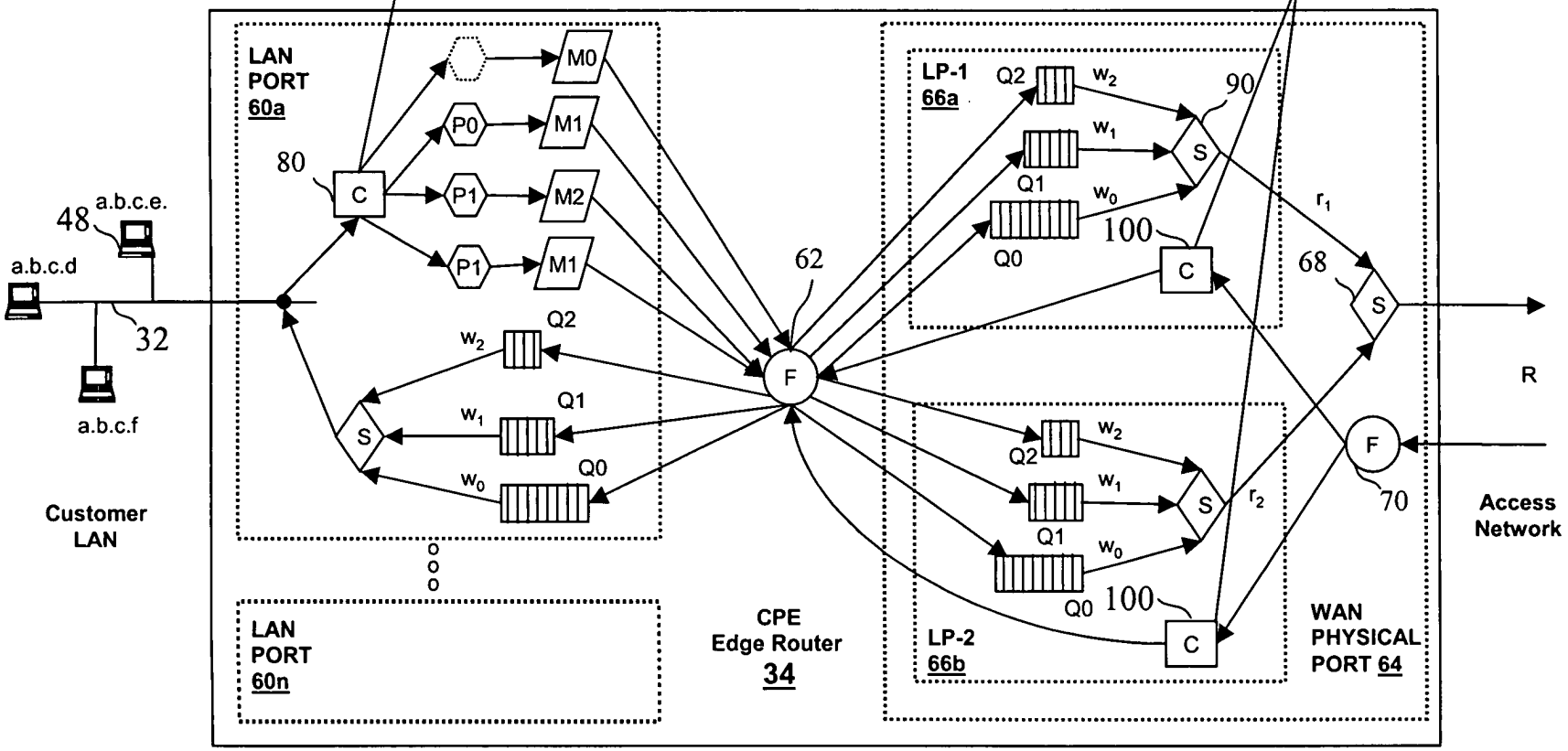


Figure 5

Docket No.: RIC01059 Serial No.: 10/023,043
Applicant: McDysan
Title: System, Method, and Apparatus That Employ Virtual...
Sheet of Drawings: 4 of 8

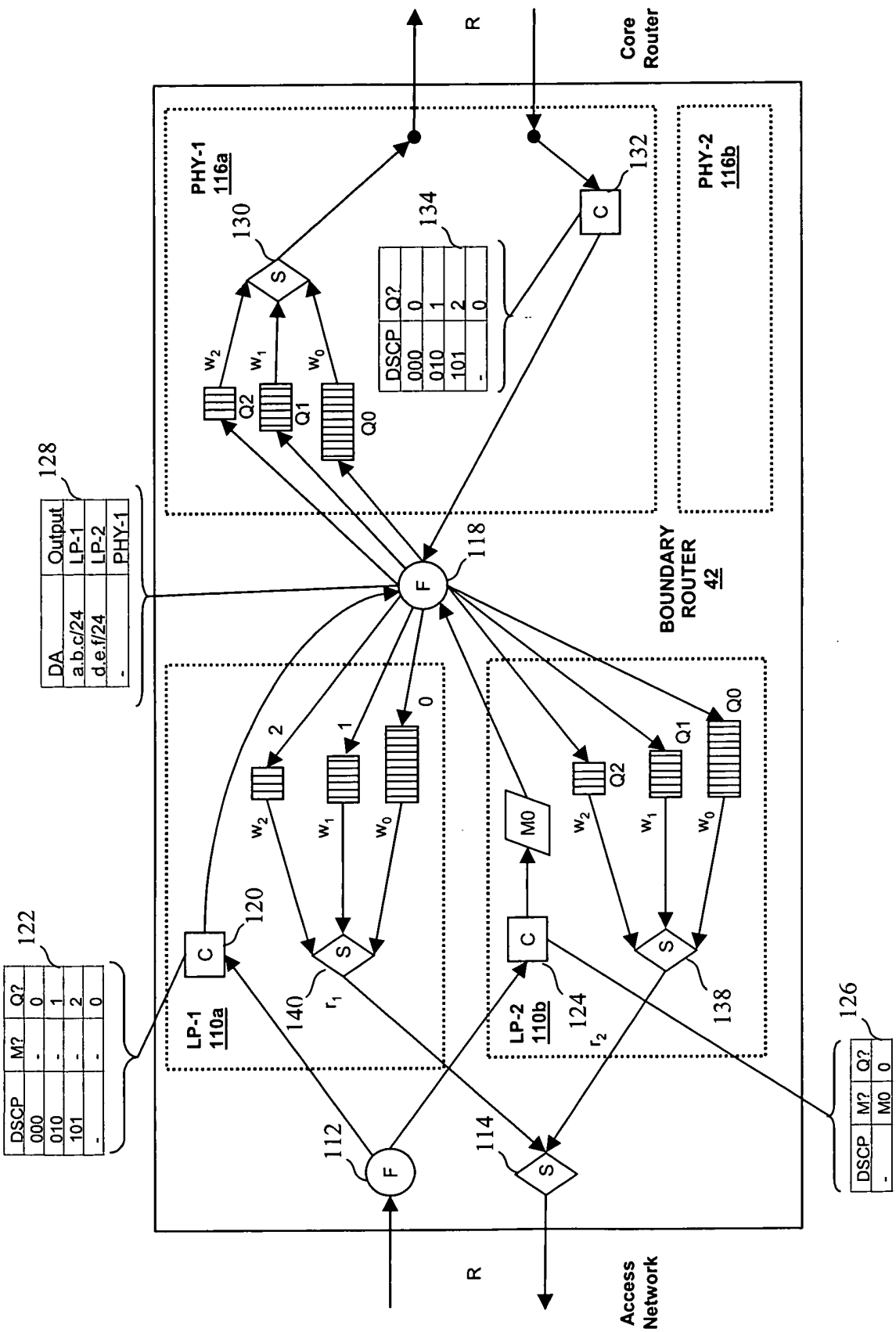

R
Core Router
PHY-1 116a
PHY-2 116b
130
132
134
S
C
DSCP | Q?
000 | 0
010 | 1
101 | 2
- | 0
w2
w1
w0
Q2
Q1
Q0
128
DA | Output
a.b.c/24 | LP-1
d.e.f/24 | LP-2
- | PHY-1
118
F
BOUNDARY ROUTER 42
2
1
0
M0
122
DSCP | M? | Q?
000 | - | 0
010 | - | 1
101 | - | 2
- | - | 0
120
LP-1 110a
LP-2 110b
140
r1
124
r2
138
126
DSCP | M? | Q?
- | M0 | 0
112
114
R
Access Network

Figure 6A

20040240207

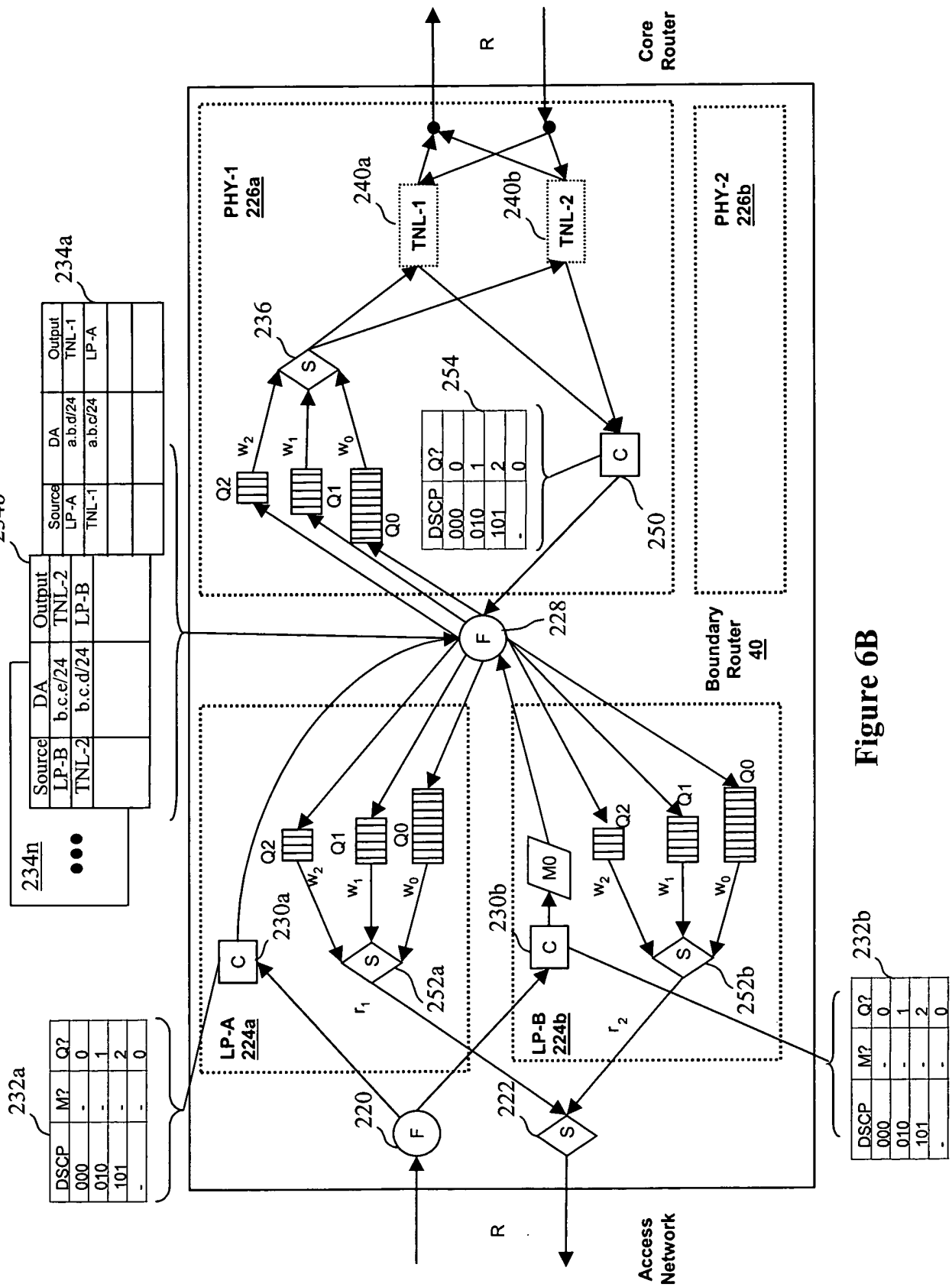


Figure 6B

20604O" 6h0E200F

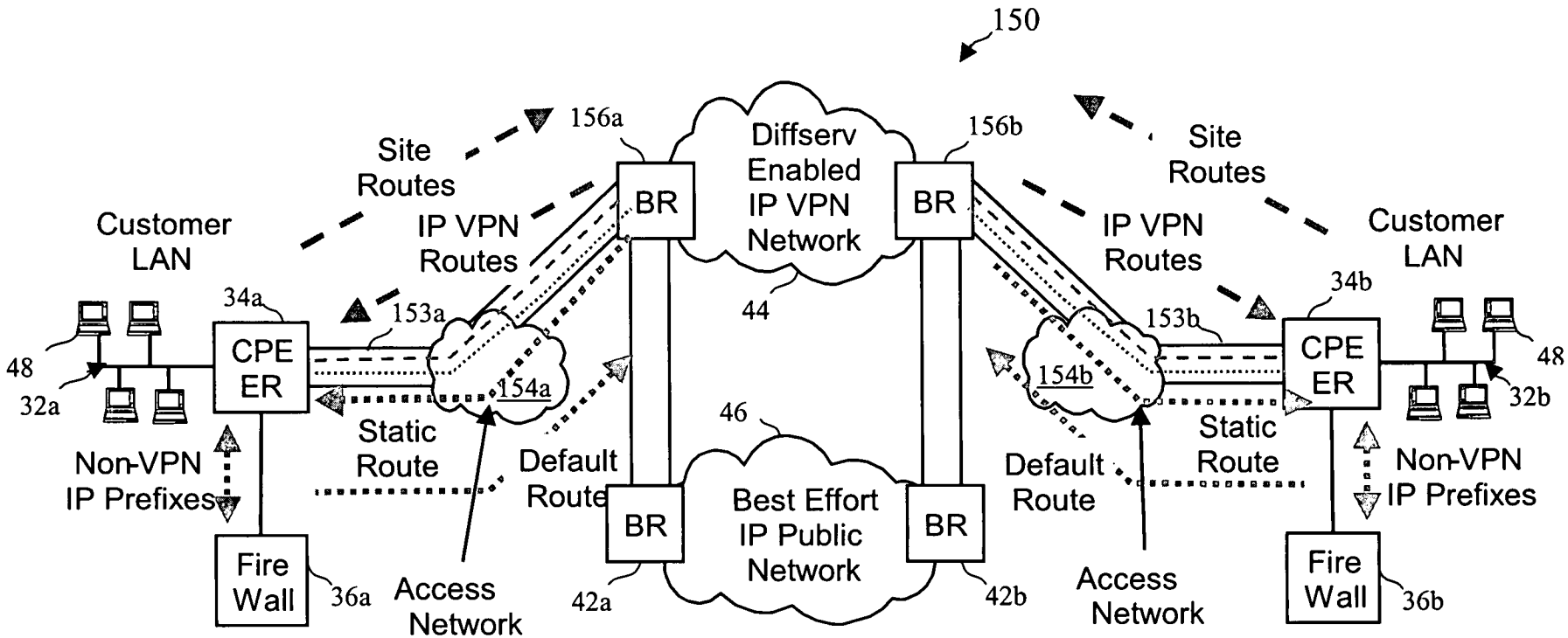


Figure 7

Atty Docket No.: RIC01059 Serial No.: 10/023,043
Applicant: McDysan
Title: System, Method, and Apparatus That Employ Virtual...
Sheet of Drawings: 7 of 8

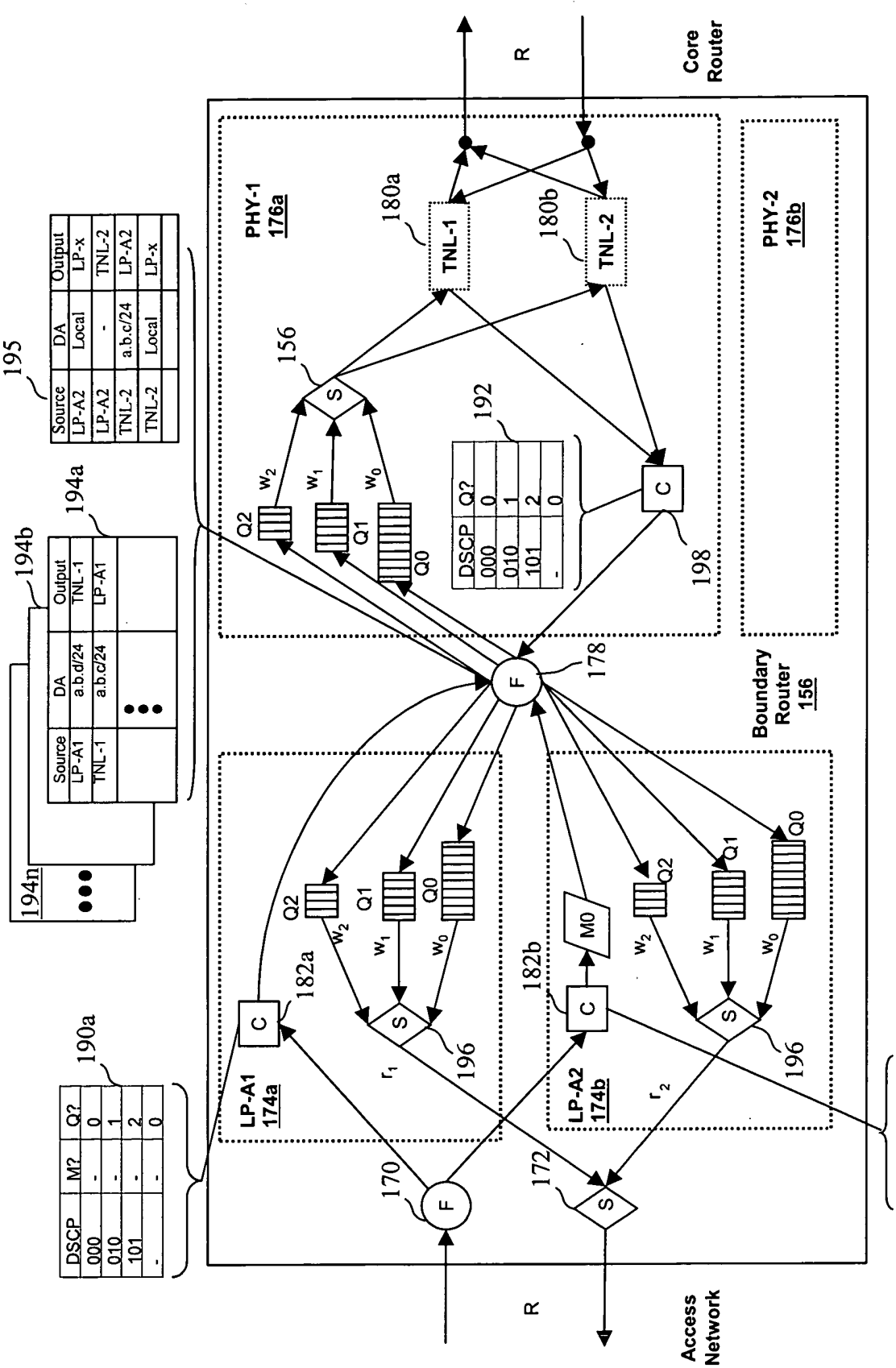

Core Router
R
PHY-1 176a
PHY-2 176b
TNL-1
TNL-2
180a
180b
156
S
192
DSCP Q2
000 0
010 1
101 2
- 0
198
C
178
F
Boundary Router 156
Q2
Q1
Q0
w2
w1
w0
LP-A1 174a
LP-A2 174b
182a
182b
M0
196
r1
r2
170
172
Access Network
195
Source DA Output
LP-A2 Local LP-x
LP-A2 - TNL-2
TNL-2 a.b.c/24 LP-A2
TNL-2 Local LP-x
194a
194b
194n
Source DA Output
LP-A1 a.b.d/24 TNL-1
TNL-1 a.b.c/24 LP-A1
190a
DSCP M2 Q2
000 - 0
010 - 1
101 - 2
- - 0
190b
DSCP M2 Q2
000 - 0
010 - 1
101 - 2
- - 0

Figure 8